

GENERIC · POWERTRAIN

P0570

OBD-II TROUBLE CODE

P0570

Cruise Control Accelerate Signal

P0570 indicates that the cruise control module has detected a fault in the accelerate signal circuit, which is the command that tells the system to increase vehicle speed. The computer sets this code when the voltage or signal from the accelerate switch or its wiring does not match the expected value during self-test or operation.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Powertrain	Generic (all makes)	Low	Intermediate	Vehicle speed, idle control and auxiliary inputs

Symptoms you may notice

- The cruise control warning light or master indicator may illuminate on the dashboard.
- The cruise control system may be completely inoperative and fail to engage.
- The accelerate function (often the resume/accel button) may not work when pressed.
- The cruise control may disengage unexpectedly while driving.
- Often no symptoms besides the warning light, with cruise control otherwise functioning normally.

Common causes, most likely first

- Faulty cruise control accelerate switch or button assembly.
- Damaged, corroded, or disconnected wiring in the accelerate signal circuit.
- Poor electrical connection at the cruise control module or switch connector.
- Failed cruise control module or electronic control unit (ECU) internal fault.
- Contamination or wear inside the switch causing intermittent signal.
- Blown fuse or poor ground connection affecting the cruise control circuit.

How to diagnose and fix it

- Use an OBD-II scanner to confirm P0570 and check for any related codes in the cruise control system.
- Inspect the cruise control switch and wiring for visible damage, corrosion, or loose connectors.
- Test the accelerate switch with a multimeter for continuity and correct resistance values according to the service manual.
- Check the wiring harness from the switch to the cruise control module for shorts, opens, or high resistance.
- Verify power and ground supplies to the cruise control module and inspect fuses.
- If the switch and wiring test good, test the cruise control module or substitute with a known-good unit.
- Clear the code and perform a road test to confirm the repair and ensure the accelerate function works properly.



Common Misdiagnosis Traps for P0570

- A faulty clock spring in the steering wheel can interrupt the accelerate signal on vehicles where cruise buttons are mounted on the steering wheel, yet the clock spring itself may not set a separate code.
- The accelerate signal is often a multiplexed voltage on a single wire shared with other cruise buttons, so a fault in any button or the resistor network can trigger P0570.
- Some vehicles require the cruise control module to see specific voltage thresholds during a self-test at startup; a weak battery or poor ground can cause a false P0570.
- Aftermarket electronic accessories tapped into the cruise control wiring can introduce resistance or noise that mimics a failed switch.
- The code may be stored intermittently due to a sticking button that does not fully release, which is easily missed during static testing.

Can I keep driving with P0570?

The vehicle remains safe to drive because the cruise control system is disabled and does not affect primary driving functions. Avoid using cruise control until the fault is repaired, and be aware that the accelerate function may not work if you attempt to engage it.

Tools that help

- OBD-II scanner
- Digital multimeter
- Service manual with wiring diagrams
- Basic hand tools for trim and connector removal
- Test light

Reading P0570

P	Powertrain: engine, transmission and emissions.
0	Generic (SAE) code: it means the same thing on every OBD-II vehicle.
5	Vehicle speed, idle control and auxiliary inputs.
70	The exact fault within that area.

Often seen with

P0565 Cruise Control On Signal · **P0566** Cruise Control Off Signal · **P0567** Cruise Control Resume Signal · **P0568** Cruise Control Set Signal · **P0569** Cruise Control Coast Signal



See it working

Watch the animated explainer [Four-Stroke Engine Notebook: The Otto Cycle Explained](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/p0570/>

